



# आरत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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No. 19]

NEW DELHI, SATURDAY, MAY 8, 1965 (VAISAKHA 18, 1887)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
 Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंट्स और डिजाइन्स से संबंधित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 8th May 1965

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

17th April 1965

99033. Council of Scientific and Industrial Research. Improvements in or relating to anode mounting for high performance cells.
99034. G. S. Verma. An improved method of manufacture of culinary spoon.
99035. Champion Spark Plug Company. Spark plug.
99036. Champion Spark Plug Company. Spark plug.
99037. V. D. Veera, R. S. Mani, G. V. Desai and K. S. Veera. Making a threading machine.
99038. The Principal, Digambar Jain College, Baraut, U.P. Transistor-wattmeter.
99039. D. K. Dhand. A trap or a counting machine or a differential counting machine for vehicle passing.
99040. Associated Chemical Companies Limited. Production of wood preservatives. (24th April 1964).
99041. Leesona Limited. Improvements in or relating to textile sizing machines. (16th April 1964).
99042. Lansing Bagnall Limited. Improvements in or relating to control systems for electric motors. (20th April 1964).
99043. Massey-Ferguson Inc. Improvements in or relating to tractors. (10th August 1964).
99044. Dynamic Instrument Corporation. Improved battery and charging means therefor.
99045. Imperial Chemical Industries Limited. Acrylonitrile polymers. (21st April 1964).
99046. Imperial Chemical Industries Limited. Coated films. (5th May 1964).
99047. Imperial Chemical Industries Limited. Phenols. (6th May 1964).

99048. Imperial Chemical Industries Limited. Phenols. (6th May 1964).

99049. Cinerama, Inc. System of photography. (4th May 1964).

99050. Biochemic Gesellschaft mit beschränkter Haftung. Ready mixed animal feed and feed supplements for preparing the same.

19th April 1965

99051. Associated Electrical Industries Limited. Improvements in or relating to steam turbine control systems. (6th May 1964).

99052. Hindustan Lever Limited. Hydrogenation. (20th April 1964).

99053. Intermountain Research &amp; Engineering Company. Blasting agent composition.

99054. Ngk Insulators, Ltd. Method for producing porcelain suitable for insulator.

99055. Clark Equipment Company. Triple stage upright for lift truck.

99056. Farrel Corporation. Controlled continuous mixer.

99057. Chemical Construction Corporation. Catalytic reaction.

99058. The Tata Iron and Steel Company Limited. Surface grinding machine.

99059. United States Steel Corporation. Stopper rod rigging for ladles.

99060. The English Electric Company Limited. Heat exchangers. (24th April 1964).

99061. International Business Machines Corporation. Improvements in or relating to electronic data processing systems. (11th February 1965).

99062. Joseph Lucas (Industries) Limited. Alternators. (28th April 1964).

99063. M &amp; T Chemicals Inc. Novel technique.

99064. M &amp; T Chemicals Inc. Improved process.

99065. M &amp; T Chemicals Inc. New improved process.

99066. M &amp; T Chemicals Inc. Novel technique and composition.

99067. M &amp; T Chemicals Inc. Novel product and process.

99068. Shankar Dasgupta. Improvements in or relating to combustion chamber of compression ignition engine.
99069. S. D. Patel. Electrically operated low power multipurpose press.
99070. V. S. Vaidya. Improvements in or relating to the process of successfully-manufacturing cones/vibrating diaphragms for loudspeakers/reproducers/acoustic transducers/and such devices as are also used as microphones in intercommunication systems.
99071. D. K. Dhand. A trap or a counting machine or a differential counting machine for vehicles passing.
99072. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Substituted benzamides and process for the manufacture thereof.
99073. H. F. Gatward. Improvements in carrier bags and handles for use therewith. (20th April 1964).
99074. E. C. (Moulded Breakers) Limited. Improvements in electric switches. (20th April 1964).
99075. Lurgan Boxmaking Company Limited. Improvements in or relating to egg trays.
99076. Merck & Co., Inc. Preparation of carboxylic acids by oxidation.
99077. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and compositions containing the same. [Divisional date 23rd October 1962].
99078. G. D. Thakoor. Improvements in or relating to a stove.
99079. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for separating carbon black from gaseous mixtures.
99080. Apurba Kumar Choudhury. Thermo-accelerator (or economic thermal efficiency accelerator).

20th April 1965

99081. Unilever Limited. Foodstuffs. (22nd April 1964).
99082. Chemical Construction Corporation. Process and apparatus for production of ammonium carbonate solution.
99083. E. Merck Aktiengesellschaft. Original screw closure for containers.
99084. Saratovsky Gosudarstvenny nauchno-issledovatel'sky i proiktny institut po ispolzovaniju gaza v narodnom khozyastve, proektirovaniyu sistem gazosnabzhenija i konstruirovaniyu gazovoi apparatury. Turbine gas burner.
99085. Veb Nahwirkmaschinenbau Malimo Karl-Marx-Stadt. Machine with eye-type needles for making of a plush fabric.
99086. Allied Chemical Corporation. Polymer solutions.
99087. Acf Industries Incorporated. Carburettor.
99088. Sperry Rand Corporation. Improvements in rotary fluid pumps or motors.
99089. National Steel Corporation. Improvements in or relating to super heater structure.
99090. United Shoe Machinery Corporation. Improvements in manufacture of strong fibrous materials.
99091. General Refractories Limited. Improvements in or relating to metal-clad refractory bricks. (23rd April 1964).
99092. Aktiebolaget Bofors. A magazine for cartridges of ammunition of an automatic gun.
99093. Aktiebolaget Bofors. A device relating to a cartridge magazine of an automatic gun.
99094. Aktiebolaget Bofors. Anti-aircraft weapon carriage.
99095. H. Smith. Improvements in or relating to 18-homologated 19-nortestosterone esters. [Divisional date 12th September 1962].

99096. Western Electric Company, Incorporated. Improvements in and relating to the manufacture of wound capacitors. (4th June 1964).
99097. Dow Corning Corporation. Improvements in or relating to release agents and lubricants.
99098. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing unsaturated nitriles.
99099. Swiss Aluminium Ltd. Methods of and apparatus for continuously casting metal.
99100. National Distillers and Chemical Corporation. High impact polystyrenes.
99101. Continental Oil Company. Method of consolidating material.
99102. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the selective hydrogenation of unsaturated organic compounds.
99103. Rogers Corporation. Printed circuit and method of making the same. [Divisional date 22nd October 1963].
99104. Merck & Co., Inc. 1-acyl indolyl acids. [Divisional 5th March 1962].
99105. P. G. B. B. Bandini and N. Cristiani. Low speed and small size vehicle suitable for town.
99106. P. G. B. B. Bandini and N. Cristiani. Vehicle designed to allow an easy parking and climbing-in and climbing out thereof on several sides.
99107. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Pneumatic tire covers and methods of making the same.

21st April 1965

99108. Veb Glasfaserwerk Steinach. Process and device for the manufacture of inorganically shortened fiber, especially glass.
99109. B. K. Schgal. Record syringe.
99110. Calmec (Manufacturing) Limited. Improvements in apparatus for moulding articles from plastics material. (22nd April 1964).
99111. Calmec (Manufacturing) Limited. Improvements in apparatus for moulding articles from plastics material. (22nd April 1964).
99112. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Sugar derivatives. [Divisional date 12th January 1962].
99113. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzenesulfonyl-semicarbazides. [Divisional date 11th October 1962].
99114. The Bushing Company Limited. Improvements relating to resin-bonded laminated-paper electrical insulation. (21st April 1964).
99115. Agripat S. A. New animal feed compositions.
99116. Soletanche. An obturating device for the injection of cement into a hole for the purpose of strengthening the ground or a solid mass of masonry.
99117. Denver Equipment Company. Aerating assembly for froth flotation cells.
99118. Halcon International, Inc. Chemical process.
99119. Indian Oxygen Limited. Improvements in flame cutting machines and setting devices therefor. (23rd April 1964).
99120. Babcock & Wilcox Limited. Improvements in furnace or the like chambers. (24th April 1964).
99121. Shell Internationale Research Maatschappij N. V. An additive.
99122. Crucible Steel Company of America. Alloy steel.
99123. Smith Kline & French Laboratories. Improvements in or relating to pharmaceutical compositions comprising phenothiazinyl aminocyclopropanes.

22nd April 1965

99124. R. Prasad. Improvements in or relating to bricks and walls, pillars, pavements and like structures built up with such bricks.
99125. R. R. Divekar and R. N. Kusi. A portable electronic device used to test the electrical conductivity of liquids.
99126. R. N. Kusi and R. R. Divekar. A solid state electronic voltage converter without using any moving mechanical contacts.
99127. R. R. Divekar. A transistorised regulated power supply with self resetting electronic overload protection circuit.
99128. P. Monteiro. Improvements in or relating to twist drill bits.
99129. Strico Gesellschaft fur Metallurgie und Warmtechnik m.b.H. Apparatus and process for the production of spheroidal graphitic cast iron.
99130. A. R. Sankaralingam. Improvements in starters for electric induction motors.
99131. J. C. Sharma. Providing illumination to the dial of a radio set intended for the operation on A. C. or D. C. mains.
99132. Bork-Warner Corporation. Thermoelectric cooling system.
99133. Sherritt Gordon Mines Limited. Treatment of laterites.
99134. Universal Oil Products Company. Catalyst and process for polymerizing ethylene.
99135. Massey-Ferguson Limited. Threshing mechanism.
99136. Imperial Chemical Industries Limited. Improvements in or relating to coated films. (5th May 1964).
99137. Imperial Chemical Industries Limited. Polyamides. (12th May 1964).
99138. J. Mullin and Y. Lal. Improvements in or relating to a safety fuse.
99139. The English Electric Company Limited. Electrical protective relays. (28th April 1964).
99140. The English Electric Company Limited. Electrical protective relays. (28th April 1964).
99141. The English Electric Company Limited. Electrical circuit arrangement. (28th April 1964).
99142. P. A. David. Packing box.
99143. P. R. Chaki. Basic, fireclay and high aluminous refractory bricks or shapes.
99144. Beecham Group Limited. Penicillins. (23rd April 1964).
99145. Triplex Safety Glass Company Limited. Improvements in or relating to glazings for vehicles. (23rd April 1964).
99146. The Metal Box Company Limited. Improvements in or relating to dispensers for flowable materials of cream-like consistency.
99147. Leesona Corporation. Winding machine. [Divisional date 24th July 1963].
99148. Leesona Corporation. Winding machine. [Divisional date 24th July 1963].

23rd April 1965

99149. Escorts Limited. Improvements in or relating to shock absorbers.
99150. Golden Industries. An arrestor in the piano-type switches.
99151. Veb Elektrodyne Berlin. Improvements relating to sliding armature brake motors.
99152. Famatex GmbH. Method of and apparatus for fixing woven or knitted fabric of fully synthetic fibers or filaments.
99153. Marchon Products Limited. Improvements in the manufacture of phosphoric acid. (27th April 1964).
99154. J. H. Vineberg. Shopping bag.
99155. J. R. Geigy A. G. Process of producing cyclododecene.

99156. Rohm & Haas Company. Herbicides. [Addition to No. 85717].
99157. Rohm & Haas Company. Herbicides. [Addition to No. 85717].
99158. British Titan Products Company Limited. Oxide process. (29th April 1964).
99159. G. K. N. Group Services Limited. Improvements relating to methods of and apparatus for non-destructive testing of metal billets and other elongated bar-like workpieces. (30th April 1964).
99160. M & T Chemical Inc. Novel process.
99161. Sperry Rand Corporation. Memory device and apparatus.
99162. Smit. Ratna Sen. A product.
99163. Dr. A. Wander S. A. Urea derivatives. (18th June 1964).
99164. E. J. Clerk. A table for billiards or table tennis. (10th June 1964).
99165. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and compositions containing the same. [Divisional date 20th October 1962].
99166. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New benzene-sulfonyl-semicarbazides. [Divisional date 17th September 1962].
99167. J. H. Sommerville. Weighing machine.
99168. Veb Elektrodyne Berlin. Improvements in or relating to sliding armature brake motors.

**Alteration of Date**

88858. The claim to priority date 23rd July 1962 has been abandoned and the application dated as of 10th July 1963, the date of filing in India.
88990. The claim to priority date 19th July 1962 has been cancelled and the application dated as of 18th July 1963, the date of filing in India.
94905. Ante-dated to 26th July 1963 under Section 5 of the Act.
97007. Ante-dated to 4th September 1963 under Section 5 of the Act.
97858. Ante-dated to 15th July 1963 under Section 5 of the Act.
98923. Ante-dated to 19th July 1963 under Section 5 of the Act.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

88650. Indoplast Limited. Improvements in or relating to the polymerisation of vinyl compound in aqueous suspension. Accepted on 27th March 1965.

*In presence of expanding agent and suspension stabiliser i.e. combination of titanium dioxide and surface active agent like alkali salts of fatty acids.*

88743. International Business Machines Corporation. A composition and method for the production of sintered magnetic ferrite bodies. Accepted on 3rd April 1965.

*A composition consisting of 50% to 80% of finely divided ferrite powder, 50% to 20% of an organic binder liquid and at least 5% of a volatile organic liquid.*

88858. Imperial Chemical Industries Limited. Improvements in polymethyl methacrylate compositions and their production, and articles made from such compositions. Accepted on 10th April 1965.

*Polymerising methyl methacrylate in solution mixture with other copolymerisable monomers in presence phosphorous pentoxide and aliphatic alcohol.*

88892. Schering Aktiengesellschaft. Phenyl carbamates and pesticidal compositions thereof. Accepted on 15th April 1965.

*A 3 or 4-(N'; N'-disubstituted amino methyleneimino)-Phenol is reacted with alkyl or cycloalkyl isocyanate.*

88924. The Gillette Company. Improvements in or relating to magazines for ribbon like blades. Accepted on 15th April 1965.

*Cylindrical, hollow interior element for receiving a supply of ribbon-like blade, take up means for receiving an end of a blade, path defining means for a path of travel for a blade between supply receiving element and take-up means, and means adapted to impart a frusto-conical form to a portion of a blade.*

88940. Veb Dkk Scharfenstein. Refrigeration compressors of the hermetically sealed type. Accepted on 17th April 1965.

*Wherein means are provided for lubricating the bearings by the refrigerant coming from the suction chamber of the compressor.*

88951. Spindelfabrik Sussen, Schurr, Stahlecker & Grill., G.m.b.H. Supporting and loading arm for drawing mechanism of a spinning machine. (7th May 1963). Accepted on 17th April 1965.

*Characterised in that the load pressure adjusting means are covered by a locking and relieving lever consisting of two parts, one forming the locking member and other a cover removable from adjusting means.*

88989. Tecalemit (Engineering) Limited. Improvements in fluid filters. Accepted on 19th April 1965.

*Wherein the filter elements are arranged in stepped relation within the casing such that a space is left between an edge of each filter element and the wall of the casing.*

88990. H. Holloway. Improvements in fluid filters. Accepted on 19th April 1965.

*Comprising a casing, a pair of pressure members, an annular filter element engaged between the pressure members, wherein one of the pressure members carries a normally closed pressure relief valve which allows fluid to pass the filter element when necessary.*

89002. Tyler Wayne Research Corporation. Method of producing stainless steel product. Accepted on 19th April 1965.

*Cold reducing the material by 80% of its original cross-sectional area, tempering the reduced material at 1200 to 1900°F to give an elongation of from 16 to 40% with a fine grain structure.*

89013. The English Electric Company Limited. Control systems for hydraulic reaction turbine alternator sets. (31st July 1962). Accepted on 20th April 1965.

*Means to maintain the swivel casing, when alternator is at synchronous speed at the main valve, and guide vanes closed and runner is operating in air, pull of water at low pressure and means responsive to the extent of opening of main valve and arranged to allow guide vanes to open in advance of complete opening of valve.*

89106. C. I. S. Rao. Extraction of sandal wood oil from steam distilled sandal wood. Accepted on 23rd April 1965.

*Comprises extracting the refuse powder with a solvent to isolate the sandal wood oil.*

89113. National Lead Company. A layer-type clay-like mineral method for producing the same and the catalyst and process of obtaining catalyst therefrom. Accepted on 22nd April 1965.

*Preparing an aqueous suspension of silica, of an alumina and of a compound AB, said silica and alumina present in a ratio within range of 2.7 to 3.3 bringing the temperature within 280°C to 315°C, confining heated suspension within an enclosure.*

89571. J. H. A. Beacon. Apparatus for use in the cultivation of plants. Accepted on 13th April 1965.

*Incorporating means of assembling a box having a plurality of cells having soil, compost and like media to support plant life.*

89635. "Rhewum" Rheinische Werkzeug-Und Maschinenfabrik G.m.b.H. Driving apparatus for draining, compacting screening, grading and the like preparation machines. (8th August 1963). Accepted on 20th April 1965.

*With a lever mounted at one end only excited by an armature connected thereto and oscillating at its free end with two degrees of freedom.*

89849. Associated Electrical Industries Limited. Improvements relating to digital transmission systems. (19th September 1962). Accepted on 22nd April 1965.

*Comprises means for transmitting from the control station a synchronising signal at the beginning of each cycle, means responsive to the synchronising signal at each field station for synchronising the time slots demarcated by the local timing means with those of an incoming transmission cycles; further means at each field station responsive to the pertinent indication call for initiating an indication transmission back to the control station and yet further means at each field station responsive to a transmitted control call for that station.*

89921. S. M. Sayeed. A card punching machine with clockwork mechanism. Accepted on 18th March 1965.

*The main spring which drives the punching mechanism clockwork drives also the clockwork mechanism for operating the clock.*

90027. A. Stock & Co. Ltd. Pipe slotting machine. Accepted on 26th March 1965.

*A series of circular cutters is mounted on rotatable arbors and coupled to a set of driving gears, cutters are clamped to a vertically slidable holding block.*

90097. G. Neidl. Installation for conveying flowable materials inside a pressure pipe and method for lining pipes with cement or with layers of mortar. Accepted on 1st April 1965.

*Characterised in that two containers are connected to the pressure pipe by means of pipes and slide valves.*

90099. N. K. Tchen. Process for utilizing directly the ores fines. Accepted on 1st April 1965.  
*A process for utilizing the ores fines in the blast furnace or cupol is characterized in that ores fines, fuel, flux and air or enriched air are injected into the boshes of a furnace, so that the combustion temperature of the injected materials is high enough for agglomerating and partially smelting the ores fines thus injected.*
90109. Zavody V. Lenina Plzen, Narodni Podnik. Safety clamping device for tools with clamping cone in machine tools. Accepted on 1st April 1965.  
*The insertion piece bearing against spindle in opening having bevel surfaces inclined toward the periphery of the spindle and form loading surface of two keys, being connected by common bolt.*
90112. Council of Scientific and Industrial Research. A method for the preparation of anion exchange resins. Accepted on 3rd April 1965.  
*Reacting mixture of tar acid and phenols with formaldehyde at 80-100°C and treating reaction product with aliphatic amine.*
90123. I. A. Kirchner. Hollow reinforcing bar. Accepted on 3rd April 1965.  
*Bar is formed with longitudinal groove, at the sides of which ribs are provided on the diverging outer portions, disposed at right angles to the bar axis.*
90146. Molins Machine Company Limited. Improvements in or relating to the manufacture of mouthpiece cigarettes. (5th October 1962). Accepted on 5th April 1965.  
*Feeding lengthwise simultaneously a plurality of continuous rods of mouthpiece material, cutting each rod transversely of its length, spacing apart endwise successive components severed from each rod, feeding the components to a moving conveyor.*
90227. H. Schwarz. Improvements in method and apparatus for producing molded articles. Accepted on 10th April 1965.  
*Producing moulded articles from granular binder-containing material by mixing the dry granular material with liquid binder, drying the resulting mixture and filling it into a first mould half, forming the shaped article by applying moulding pressure by means of a second mould half, pressed article is then heated and finally cooled.*
90228. Boots Pure Drug Company (Australia) Pty. Limited. Pellet dispenser. (5th February 1963). Accepted on 12th April 1965.  
*Comprising a rectangular case and a slideable lid having stop means limiting sliding movement, the case having ducts holding pellets and also dispensing outlet/outlets therein, one end of the duct communicating with the body and the other with the outlet.*
90251. The English Electric Company Limited. Improvements in or relating to hydraulic pumps and reversible pump turbines. (15th October 1962). Accepted on 12th April 1965.  
*Includes means for suppressing water circulation in the suction tube immediately upstream of the impeller during priming.*
90252. The English Electric Company Limited. Improvements in or relating to hydraulic pumps and reversible pump turbines. (15th October 1962). Accepted on 12th April 1965.  
*Includes means for injecting water into the suction tube with a tangential component adjacent the suction tube wall and adjacent the impeller to generate a vortex.*
90315. Imperial Chemical Industries Limited. Process for the manufacture of new disperse azo dyestuffs, suitable for the colouration of aromatic polyester textile materials. Accepted on 15th April 1965.
90318. Koehler Manufacturing Company. Improvements in or relating to casings for electrical storage batteries. Accepted on 15th April 1965.  
*Comprising fluid conduit means mounted in aperture and extending into the air chamber above the level to be reached by electrolyte in the casing, and a vented enclosure body surrounding the inner extremity of the fluid conduit means and constituting trap means for preventing escape of liquid through fluid conduit means.*
90320. F. Stubbe. Method and apparatus for the production of hollow bodies of any required form made from thermoplastic plastics. Accepted on 12th April 1965.  
*Providing adjustment of the outlet cross-section of the nozzle and alteration of the plastic extrusion speed for the production of the hollow body are brought into forced dependence on each other.*
90322. Ciba Limited. New monoazo pigments and process for their manufacture. Accepted on 15th April 1965.  
*Condensing carboxylic acid halide free of acidic groups imparting solubility in water  $R_1-N=N-R_2-CO-Hal$  in molar ratio of 1:1 with monamide  $HN-R$ , wherein  $R$ , is anthraquinone residue,  $R$  is  $-R^1-CO-NHR_1$ , &  $R_1-NHCOR_2$ ,  $R_1$ ,  $R_2$ ,  $R_3$ , being aromatic radicals,  $R_2$  is radical of coupling component with hydroxyl group.*
90343. Aktiebolaget Jonkoping-Vulcan. Method in the peeling and disintegrating of veneer and apparatus for performing the method. Accepted on 17th April 1965.  
*Peeling and disintegrating of veneer being fed in a single layer to a cutter in which gas or air streams directed towards the veneer being used for advancing the peeled veneer towards the cutter.*
90347. The Bendix Corporation. Improvements in or relating to a brake mechanism for power brake systems. Accepted on 15th April 1965.  
*Provision of a foot pedal for controlling the power brake wherein the travel of the brake pedal may be increased to at least the conventional distance whenever there is a power failure to provide the necessary leverage for foot operation during the power failure.*
90358. Subash Chandra Bose. Chain pulley block. Accepted on 17th April 1965.  
*Spur gear type chain pulley block consisting of a frame or body, a load chain wheel and first motion pinion and a hand chain wheel and brake arrangement.*
90359. Subash Chandra Bose. Chain pulley block. Accepted on 17th April 1965.  
*Spur gear type chain pulley block having a frame, a load chain wheel at the middle supported by two plates and a hand chain wheel and brake arrangement on one side and a gearing arrangement on the other side.*
90362. Sabita Das. A manually operated pump for raising water and other liquids. Accepted on 19th April 1965.  
*Double acting manual pump utilising entrapped air for raising water comprising two cylinders of different diameters interconnected by a connecting pipe, a hollow piston rod works inside the interconnected cylinders.*

90376. Westinghouse Brake and Signal Company Limited. Drivers brake valves. (5th November 1962). Accepted on 19th April 1965.

Provided with a means for returning the spindle in the inoperative position during handle movement and a spring means to move the spindle to the corresponding handle position.

90378. Babcock & Wilcox Limited. Improvements relating to a method of welding. (2nd November 1962). Accepted on 15th April 1965.

Deposited weld metal being cooled at a rate such that the time the weld at any location exceeds 700°C is so limited that a fine grain structure is produced.

90386. Panther Pumps & Equipment Co. Balanced pressure pump. (4th October 1963). Accepted on 15th April 1965.

A pair of driving chambers respectively separated from a pair of driven chambers by a pair of thin-walled, flexible-diaphragms, a rigid connection between said diaphragms, a source of pressurised fluid, a control valve and mechanism responsive to the positions of said diaphragms.

90387. Imperial Chemical Industries Limited. Stabilised aqueous solutions of salts of bis- or tris-( $\beta$ -sulphatoalkyl) sulphonium inner salts. (2nd November 1962). Accepted on 19th April 1965.

Aqueous solutions of salts of bis- or tris-( $\beta$ -sulphatoalkyl) sulphonium inner salts containing a buffer system adapted to maintain the pH of the solution within the range 2.0 to 3.5.

90395. Continental Oil Company. Submersible towed vessel. Accepted on 13th April 1965.

Having a tow line fixture affixed to a fore portion of the hull of the vessel, wherein a fixed wing is attached to the hull.

90401. K. Bharthi. An improved charkha or hand spinning wheel. Accepted on 17th April 1965.

Consists of a wooden plate having mounted thereon main driving wheel and a second wheel, the plate being hinged to the inside of a box and movable to position the charkha in horizontal and vertical position.

90412. Allmanna Svenska Elektriska Aktiebolaget. Dehumidifying device preferable for compressed air circuit breakers. Accepted on 21st April 1965.

Cooling device being connected to a chamber containing air or other gas by two parallel conduits of which one opens into the container are a high level than the other lower one.

90423. Ciba Limited. Photographic layers for the silver dyestuff bleaching process. Accepted on 20th April 1965.

Contains on a support a layer of at least one azo dyestuff.

90435. Dr. H. Merkel. Dispensing device for granular or pulverulent materials. Accepted on 21st April 1965.

Grooved guide portions for slide cover, in container walls shortened to extend over to points near the position in which stop member on cover is located when it is in dispensing position, cover made of resilient construction to permit it is ungilded end to be bent resiliently upwardly for distance equal to height of stop member.

90438. Continental Oil Company. Composition and process for separation of trialkylaluminium compounds. Accepted on 13th April 1965.

Adding to at least one material selected from the group consisting of displacement product containing  $\alpha$ -olefins and low molecular weight trialkylaluminium, and dialkylaluminium dioxide containing low molecular

weight trialkylaluminium, a complexing agent for said low molecular weight trialkylaluminium.

90447. Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. A device for suspending pigmented anodes and highyield electrolytic fusion cell using this suspension device. Accepted on 21st April 1965.

Comprises in combination a substantially horizontal movable frame electrically connected to the fixed frame, a mechanism for imparting to the movable frame a vertical translatory movement relative to the fixed frame, and assembly of clamps for suspending the anodes and a mechanism for acting on the clamp assembly comprising a motor-reducer group equipped with cams.

90450. M. H. Detrick Company Limited. Improved furnace roofs. (24th October 1962). Accepted on 22nd April 1965.

Comprising an outer circular ring, an inner frame, radial support members connecting the ring and the frame at 60° intervals, secondary support members supported by the radial support members to define hexagons, refractory bricks beneath each radial support member, intervals between said refractory bricks being filled rows of bricks suspended from the secondary support members.

90452. Galvanizing Industries Proprietary Limited. Mounting of insulators on supporting spindles. Accepted on 15th April 1965.

Forming irregular indentations on the head carrying portion of the insulator spindle and injection moulding a resilient spindle head from thermoplastic material onto the head carrying portion of the spindle stem.

90460. Carding Specialists (Canada) Limited. Improvements in or relating to pressure roller assembly for use in carding machines. (26th October 1962). Accepted on 21st April 1965.

Comprises a pair of rollers, of which one being mounted to be bodily adjustable in relation to the other and correlated operating means for causing off-setting adjustment of supporting means.

90469. Council of Scientific and Industrial Research. Method for processing of raw mammalian intestines into dry ready-to-wet intestines suitable for use as surgical suture, sausage casings, sports guts or the like. Accepted on 22nd April 1965.

Consists in subjecting the intestines to a mechanical treatment of washing and scraping and thereafter to a mild chemical treatment of cleansing and bleaching followed by treatment in dilute acid solution and an oil emulsion.

90475. The Cementation Company Limited. Improvements relating to subterranean anchorages. Accepted on 17th April 1965.

Incorporating a sleeve-like element having at least one section gradually enlarged towards the head end and having a length of the cable secured therein by mechanical means located proximate the head end.

90501. Standard Telephones and Cables Limited. Circuit arrangement for the route search in geographic interlocking systems. Accepted on 21st April 1965.

In which the switching means for the track elements are combined in a single switching unit in which route search relays are associated with tracks of that cross-over and in which an additional switching means is provided for cross-over running.

90503. Baker Perkins Granbull Limited. Improvements in or relating to extrusion apparatus for plastic materials. (29th October 1962). Accepted on 21st April 1965.

Propulsion screw associated with an extrusion outlet the size of which is adjustable

- and arranged positively to propel the extrusion material through the assembly towards the extrusion outlet.
90514. Sel-Rex Corporation. Gold plating. [Addition to. No. 81754]. Accepted on 23rd April 1965. Characterised in that it contains up to 60 g/l of base metal ions (calculated as metal).
90518. General Electric Company. Improvements in or relating to electrical heating element and a composition for insulating the said element. Accepted on 17th April 1965. Includes an insulating ceramic composed of magnesia surrounding the conductor, wherein the magnesia contains small but effective amounts of lithium oxide to the solid solubility limit.
90519. Dempster Brothers, Inc. Refuse collection equipment. Accepted on 20th April 1965. Comprises a motor vehicle having a refuse body with a filling opening, a front end loader having means for dumping the contents of a container into the body and hydraulic power devices for moving loader arms.
90528. Imperial Chemical Industries Limited. A plasticiser material for mortar compositions. (30th October 1962). Accepted on 20th April 1965. Comprising non-ionic water-soluble cellulose ether and sodium salt of petroleum-insoluble fraction of pinewood resin.
90530. The British Iron and Steel Research Association. Microcrystalline composition of matter and preparation thereof. (30th October 1962). Accepted on 21st April 1965. Consisting of  $SiO_2$ ,  $CaO$ ,  $Al_2O_3$ , and  $MgO$  in proportions of 45 to 65%  $SiO_2$ , 15 to 45%  $CaO$ , 5 to 30%  $Al_2O_3$ , and 10%  $MgO$ , including a nucleating agent.
90573. Polysius G.M.B.H. A method of producing cement clinker for making cement from plastic raw materials of low porosity. Accepted on 21st April 1965. Disintegrating filter cake into shaped to retain channels therein and heating same in way to prevent shapes being destroyed by steam pressure generated therein.
90601. F. Shibata. Speed control systems of wound rotor induction machines. Accepted on 24th April 1965. Includes in combination a variable ratio transforming device electrically connected in the circuit between the secondary output terminals of the induction machine and an energy absorber, the said device containing a sliding contact type variable ratio transformer of which the number of the primary winding turns is arranged to be controlled by its sliding contact.
90663. Davidson of India (Private) Limited. Improvements in or relating to machines for treating tea. Accepted on 22nd April 1965. Having a plurality of trays within a drying chamber and provided with means for moving the trays through the chamber without using chains and trays being not fixedly secured to the moving means.
90738. Rheinbau Gesellschaft Mit Beschränkter Haftung. Improved process for the production of lattice girders. Accepted on 17th April 1965. Characterised in that the lower ends of the lattice work diagonals are concreted into the lower boom after the upper boom has been elongated.
90811. S.I.S.E.-S.r.l. Rigid-guide excavator, particularly suitable for the digging of trenches with vertical walls. Accepted on 17th April 1965. Between the base framing and the rigid guide there are inserted one or more double-effect hydraulic jacks controlled by a special manual distributor and adapted to cause vertical displacements of the rigid guide in the two directions and over section even longer than the stroke of the jacks.
90855. Adrema-Werke G.M.B.H. Aluminium foil blank for producing address printing plates and method therefor. Accepted on 22nd April 1965. Characterised in that the foil blank is secured to a frame whereby that part lying behind the printing field of the blank is cut out.
90877. Pilkington Brothers Limited. Improvements in or relating to methods and apparatus for the drawing of sheets of glass. (20th November 1962). Accepted on 15th April 1965. Characterised by individually forming on the surface of molten metal two oppositely moving similar streams of molten glass and advancing said streams along the molten metal towards the line of draw to form a body of molten glass.
90878. Pilkington Brothers Limited. Improvements in or relating to methods and apparatus for the manufacture of flat glass. (20th November 1962). Accepted on 24th April 1965. Subjecting the glass to a controlled tractive effort in the direction of advance along the bath and thermally controlling the longitudinal change of viscosity in the glass in relation to the tractive effort, the viscosity of the ribbon is such as to arrest further dimensional change in the ribbon.
90890. Pilkington Brothers Limited. Improvements in or relating to methods and apparatus for use in the manufacture of flat glass in ribbon form. (20th November 1962). Accepted on 23rd April 1965. Characterised by advancing glass in ribbon form along a molten metal surface, diverting the glass upwardly, drawing a ribbon of glass upwardly by tractive effort, and regulating the speed.
90901. Shell Internationale Research Maatschappij N. V. Buoy. Accepted on 22nd April 1965. At least one line secured to the turntable being connected to two of the flexible lines via branch pipe and the flexible lines join the swivelling coupling at diametrically opposite points at same level.
90922. E. I. du Pont de Nemours and Company. Delay initiation cord and blasting assembly. Accepted on 21st April 1965. A delay-initiation cord comprising a core of deflagrating composition encased in snug peripheral engagement by a sheath of flexible material, the loading of said composition being 0.1 to 5 grains per foot and said composition being characterised by a uniform deflagration velocity of from 100 to 650 meters per second.
91918. Gebr. Saueressig K. G. Improvements in or relating to a printing or the like pressure roller. Accepted on 22nd April 1965. Comprises a driving spindle, a printing cylinder and a pressure medium actuated inflatable spreading device for connecting them together.
91020. D. R. Malhotra. Light weight stainless steel. Accepted on 13th April 1965. An alloy of light weight stainless steel which has essential constituents like aluminium, manganese, copper, silicon, sulphur, phosphorus, carbon and iron in specified quantities.
91033. Shell Internationale Research Maatschappij N. V. Stabilized compositions of polymers or copolymers of ethylenically unsaturated hydrocarbons process for the preparation thereof and shaped articles made therefrom. Accepted on 23rd April 1965. Comprising a polymer or a copolymer of an ethylenically unsaturated hydrocarbons and as stabilizers a phenol having at least one ortho secondary or tertiary hydrocarbon radical substituent.

91198. Dynamit Nobel Aktiengesellschaft. Method for the manufacture of monomeric anhydrous lead salts of acrylic or methacrylic acid. Accepted on 22nd April 1965.

*Reacting lead oxide or lead carbonate with free acrylic or methacrylic acid in a solvent mixture comprising a water insoluble component and a water soluble component which can combine with water, the solvent mixture being such that it can dissolve the free acid but not the lead salt which is formed.*

91284. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone derivatives. (3rd October 1963). Accepted on 23rd April 1965.

*Production of new anthraquinone derivatives by brominating with elemental bromine, a 1-hydroxy-4-nitro anthraquinone which contains in the 5- and 8- positions are nitro and one alkoxy radical and which is optionally substituted in the 2 position by a sulphonate acid group.*

91300. The Metal Box Company Limited. Improvements in or relating to sealing containers. (14th December 1962). Accepted on 21st April 1965.

*Drawing a portion of the bottom of the container outwards away from the mouth thereof prior to sealing of the mouth thereby increasing the volume of the container, sealing the mouth of the container and restoring said bottom portion substantially to the original position thereof.*

91304. M. A. Nathwani. Improvements in or relating to ball point pens. Accepted on 21st April 1965.

*Which has, in combination (i) an electric bulb and a dry battery provided inside the barrel thereof (ii) a switch arrangement and (iii) a barrel which has a transparent ball point end.*

91365. O-M Ltd. Speed change device for continuously variable speed change mechanism. Accepted on 19th April 1965.

*Electric means for effecting the speed-changing operation of continuously variable speed change mechanism, means for starting a change-over switch, means for effecting the return movement of said starting means, and means for continuing the power supply to said electric means.*

91366. O-M Ltd. Speed change device for speed change gears. Accepted on 19th April 1965.

*Two magnetic clutches respectively for high speed and low speed purposes mounted on a driving shaft, a limit switch for effecting change-over from the high speed clutch to low speed clutch and another limit switch and a cam plate attached to an engagement change-operating lever.*

91417. The Sheffield Corporation. Electrical transducer. Accepted on 21st April 1965.

*Comprises a differential capacitor having relatively displaceable capacitor elements for supplying a variable output voltage composed of two similar elongated members arranged closely end to end but insulated from each other and of a pick-off member having a length shorter than the length of either of elongated members arranged concentrically therewith and radially spaced therefrom to provide an air gap therebetween, an alternating current source.*

91473. Dunlop Rubber Company Limited. Improvements in and relating to belting. Accepted on 20 April 1965.

*At least two longitudinally-extending reinforcement members embedded in a flexible material and connected at each end of the segment to a transverse member provided with a number of connecting members.*

91596. P. R. Ganeriwala. Improvements in or relating to oil gas plants. Accepted on 21st April 1965.

*A producer comprises a retort located in a combustion chamber, to be heated by oil burned in the chamber, said oil being introduced in said chamber in atomised form by means of a burner, comprising an air inlet, a fuel inlet, a mixing chamber and an outlet with a nozzle extending into the combustion chamber for introducing therein the fuel air mixture in the form of atomised spray.*

91942. M. A. Nathwani. Improvements in or relating to ball point pens. [Addition to No. 91304]. Accepted on 21st April 1965.

*Characterised in that its switching arrangement is provided on its push button mechanism instead of being provided on its barrel.*

92008. Lonza Ltd. A process for the production of trimeric ruthenium tetracarbonyl. Accepted on 24th April 1965.

*A compound of ruthenium with a carboxylic acid or an enolisable compound is reacted with carbon monoxide and hydrogen in the presence of an organic solvent.*

93296. N. V Philips Gloeilampenfabrieken. Improvements in or relating to low-pressure mercury vapour discharge lamps. Accepted on 21st April 1965.

*Characterised in that the core wire satisfies the following equations :*

$$(1) 0.73 I = \frac{D^2 + 130D}{36} - 0.831$$

$$(2) L = \frac{360D}{D + 130}$$

*where D is the diameter of the tungsten core wire in microns, L the length of this wire in millimeters and I the rated lamp current in milliamperes.*

94905. National Lead Company. Reaction mixture adaptable to forming a novel synthetic layer-like clay mineral. [Divisional date 26th July 1963]. Accepted on 22nd April 1965.

*Comprising water, minor proportion of alumina, silica, a cation comprising ammonium, sodium, lithium, potassium, calcium and mixtures thereof, together with an equivalent amount of an anion comprising hydroxyl or fluoride and mixtures thereof.*

97007. Pirelli General Cable Works Limited. Improvements in or relating to plugs for securing to sheathed electric cables. (19th September 1962). [Divisional date 4th September 1963]. Accepted on 8th April 1965.

*The plug is having a cylindrical surface on which can be sealed the end of the cable sheath and includes a passageway extending through the plug from the exterior of the plug to the cable core within the sheath and has means for releasably closing the passageway.*

97858. The Gillette Company. Holder for ribbon-type safety razor. [Divisional date 15th July 1963]. Accepted on 15th April 1965.

*A handle portion having a vertically rising extension with a horizontally extending top which projects forwardly the forwardly projecting top being capable of serving as a registering means for the blade magazine and as a hold-down clamping means for a portion of a blade in shaving position.*

98923. Tyler Wayne Research Corporation. Stainless steel wire and woven wire cloth containing the same. [Divisional date 19th July 1963]. Accepted on 19th April 1965.

*Consists of 16 to 20% chromium, 6 to 22% nickel, carbon not exceeding 0.25% and remainder all iron.*

## Patents Sealed

J4469. 85035. 85056 85167. 85252. 85264. 85292.  
 85393. 85407. 85428. 85439. 85440. 85446. 85478.  
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 91393. 91644. 93824. 93981. 94626.

## Amendment Proceedings

## (1)

The amendment proposed by Polymer Corporation Limited in respect of Patent application No. 76104 as advertised in the Gazette of India Part III, Section 2 dated the 12th December 1964 has been allowed.

## (2)

The amendment proposed by American Potash & Chemical Corporation in respect of Patent application No. 82903 as advertised in the Gazette of India, Part III, Section 2 dated the 28th November 1964 has been allowed.

## (3)

The amendment proposed by Argus Chemical Corporation in respect of Patent application No. 83010 as advertised in the Gazette of India, Part III, Section 2, dated the 12th December 1964, has been allowed.

## (4)

The amendment proposed by Alexander Klein in respect of Patent application No. 84612 as advertised in the Gazette of India Part III, Section 2, dated the 12th December 1964 has been allowed.

## (5)

The amendment proposed by Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning, in respect of Patent application No. 84987 as advertised in the Gazette of India Part III, Section 2, dated the 12th December 1964 has been allowed.

## (6)

The amendment proposed by American Potash & Chemical Corporation in respect of Patent application No. 92685 as advertised in the Gazette of India, Part III, Section 2, dated the 28th November 1964 has been allowed.

## (7)

The amendment proposed by American Potash & Chemical Corporation in respect of Patent application No. 92686 as advertised in the Gazette of India, Part III, Section 2, dated the 28th November 1964, has been allowed.

## Renewal Fees Paid

43155. 43400. 43436. 43625. 43626. 44787. 45095.  
 45102. 45103. 45106. 45119. 45162. 45204. 45254.  
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**Cessation of Patents**

46415. 48681. 50889. 53412. 53416. 56131. 56133.  
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**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 123696. Mohd. Unus (An Indian Subject), Ghata Masjid Road, Darya Ganja No. 6, Delhi, "Mirror", October 8, 1964.

**Class 1.** No. 123985. Rajkamal Metal Industries, Indian partnership Firm, Maneklal Road, Navsari, Gujarat, "Strainers", November 10, 1964.

**Class 1.** No. 124490. Rex Auto Products (India) (An Indian Partnership concern), 3060-Bahadurgarh Road, Delhi, "Rear view mirror", January 5, 1965.

**Class 3.** No. 123789. Thermofoam Industries, 24 Asaf Ali Road, New Delhi 1, India, an Indian partnership concern, "Egg container", October 26, 1964.

**Class 3.** No. 123956. Olin Mathieson Chemical Corporation, a corporation organized and existing under the Laws of the Commonwealth of Virginia, United States of America, 460, Park Avenue, New York 22, New York, United States of America, "Plastic bottles", November 6, 1964.

**Class 3.** No. 124019. Bonny Products, 5602, Gandhi Market, Sadar Bazar, Delhi-6, (India) a partnership concern, "A nipple for feeding bottles", November 17, 1964.

**Class 3.** No. 124225. Tattamangalam Subramaniamaiyer Raman, C/o. A. S. Krishna Iyer, Block No. 2, Vrindavan, (Opposite Sion Hospital), Bombay-22, State of Maharashtra, India, an Indian, "A container", December 14, 1964.

**Class 3.** No. 124346. Bright Brothers Private Limited, A Company incorporated in India, 156 Tardeo Road, City of Bombay, State of Maharashtra, India, "Car seats", December 24, 1964.

**Class 4.** No. 124226. Tattamangalam Subramaniamaiyer Raman, C/o. A. S. Krishna Iyer, Block No. 2, Vrindavan, (Opposite Sion Hospital), Bombay-22, State of Maharashtra, India, an Indian, "A container", December 14, 1964.

**Class 4.** No. 124423. The Kerala Ceramics Ltd., a company incorporated under the Indian companies Act (A Government of Kerala Undertaking), Kundara, Kerala State, India, "Crockery", January 4, 1965.

**Class 3.** No. 123989. The Plastic and Industrial Corporation Private Limited, Amar Buildings, Sir Pherozshah Mehta Road, Post Box No. 251, Bombay 1, Maharashtra State, India, an Indian Company, "Pencil box", November 11, 1964.

**Class 9.** Nos. 124325 and 124326. Kanchanlal Chandulal, Chandulal Ranchhodlal, Keshavlal Zaverdas, Chandulal Vadilal and Navinchandra Chandulal, all Indian Nationals, Swaminarayan's Godown, Outside Dariapur Gate, Ahmedabad, (Gujarat State), "Lace fabrics (open work)", December 18, 1964.

**Class 13.** Nos. 123161 and 123162. Shree Ram Mills, Limited, Fergusson Road, Lower Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "The textile goods", August 26, 1964.

**Class 13.** Nos 124230 and 124231. Knitting Industries, (Indian partnership Firm), Gopal Das Road, Amritsar (Punjab), "Textile goods", December 14, 1964.

**Class 13.** Nos. 124402 to 124407 and 124409 to 124418. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", January 4, 1965.

**Class 13.** Nos. 124600 and 124601. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India Neville House, Ballard Estate, Bombay 1, "Cotton textiles", January 29, 1965.

**Class 13.** Nos. 124698 to 124700. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 1, 1965.

**Class 13.** No. 124792. The Standard Mills Company Limited, (Indian) Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 10, 1965.

**Class 14.** Nos. 124270 to 124272, 124274, 124275, and 124277 to 124280. The Century Spg. & Mfg. Co. Ltd., Indian Company, 159 Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", December 15, 1964.

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